

# Converting Colors

Hex(C78D07)

Have a look what the booklet for  
Hex(C78D07) contains.

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# **Color**

**Hex(C78D07)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C78D07
RGB	199, 141, 7
RGB Percent	78%, 55%, 3%
CMY	0.2196, 0.4471, 0.9725
CMYK	0.00, 0.29, 0.96, 0.22
HSL	42°, 93%, 40%
HSV	42°, 96%, 78%
XYZ	33.1164, 31.2072, 4.4792
YIQ	143.0660, 77.5820, -29.3780

# Conversions

## Conversions Part 2

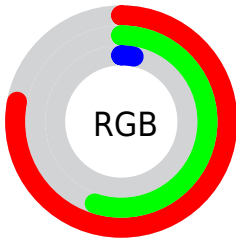
Format	Color
R <sub>Y</sub> B	90, 199, 7
Decimal	13077767
CIE Lab	62.68, 12.69, 66.62
CIE LCh	63, 67.815, 79.217
Yxy	31.2072, 0.4813, 0.4536
Android (android.graphics.Color)	4291267847 (0xFFC78D07)
YUV	143.0660, -67.0805, 49.0541
Hunter-Lab	55.8634, 8.0557, 34.3505

# Details

The Hex color **C78D07** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0741C7**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFC24B**, and **8C5B00** is the 20% darker color. If you saturate the color by 10%, you get **C78B00**, and if you desaturate by 10%, it is **C7931B**.

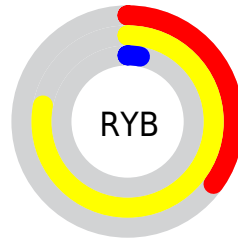
# Distribution



Red (78%)

Green (55%)

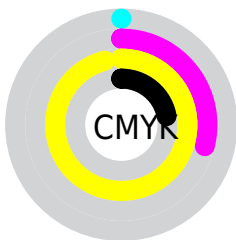
Blue (3%)



Red (35%)

Yellow (78%)

Blue (3%)

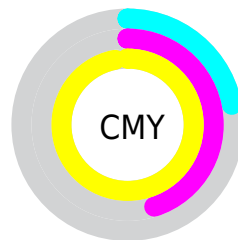


Cyan (0%)

Magenta (29%)

Yellow (96%)

Black (22%)



Cyan (22%)

Magenta (45%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C78D07 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C78D07 by changing the saturation by 10% instead.



 C78D07

 C78D07

FFFFFF

 A97400

 FFC24B

 8C5B00

 FFDE66

 6F4400

 FFFB81

 522E00

 FFFF9D

 381900

 FFFFFB9

 200000

 FFFFFD6

 000000

 FFFFF3

 C78D07

 C78D07

 C78B00

 C7931B

 C7992F

 C79F43

 C7A557

 C7AB6B

 C7B17E

 C7B792

 C7BDA6

 C7C3BA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F0743D



C78D07



90A009

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C78D07



00B4BE



CA76E7

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C78D07



0741C7

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6A91FF



C78D07



00B0F2

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C78D07



00B27F



00A5FF



F95EB0

# Rectangle

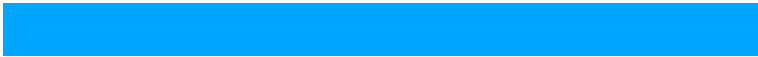
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C78D07



62A930



00A5FF



B17FF6

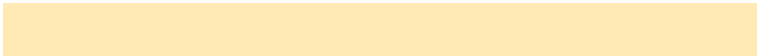


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C78D07



FFE9B5



C70744



807253



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C78D07



FFB200



A4C707



63605A



A37200



241900



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



0741C7



004DFF



2A07C7



5A5D63



0031A3

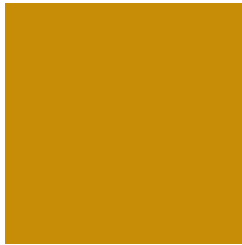


000B24



# Previews

## White Background



This preview shows how the Hex color C78D07 looks on a white background.

## Color Contrast Check

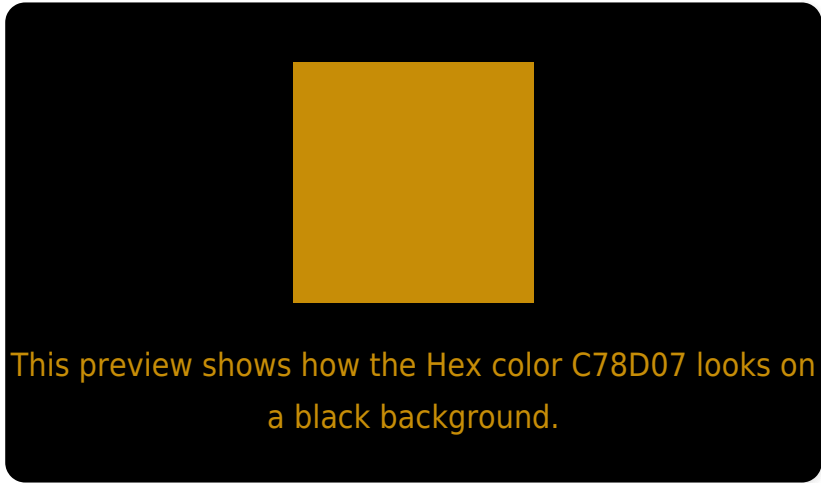
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C78D07 Background



This preview shows how black text looks on a background with the Hex color C78D07.



This preview shows how white text looks on a background with the Hex color C78D07.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
C78D07

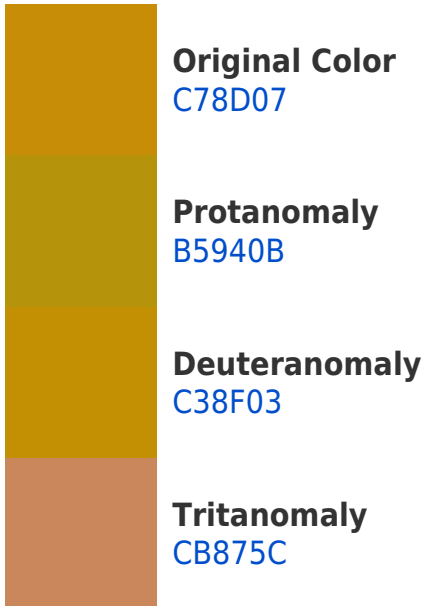
**Protanopia**  
AB980E

**Deuteranopia**  
C09000



**Tritanopia**  
CD838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C78D07 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C78D07 looks like.

```
.text, #text, p{  
    color:#C78D07  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C78D07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78D07  
}
```

## Border

The CSS property to change the border of an element to Hex C78D07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C78D07 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C78D07 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C78D07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78D07; -webkit-box-shadow:4px 4px  
4px 4px #C78D07; box-shadow:4px 4px 4px  
4px #C78D07 }
```

# Background

The CSS property to change the background color of an element to Hex C78D07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78D07 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C78D07 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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